

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|------------------------------|------------------|---------|------------------|
| L1    | 5      | (Nicole near2 carpenter).in.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:38 |
| L2    | 9      | (joseph near2 drennan).in.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:39 |
| L3    | 4      | (alison near2 easton).in.  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:40 |
| L4    | 12     | (casey near2 grant).in.  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:40 |
| L5    | 3      | (andrew near2 hoadley).in.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:41 |
| L6    | 5      | (kenneth near2 mcavey).in.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:41 |
| L7    | 13     | (joel near2 sharrow).in.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:41 |
| L8    | 23     | (william near2 syverson).in.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:42 |
| L9    | 9      | (kenneth near2 yao).in.  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:43 |
| L10   | 43     | 1 2 3 4 5 6 7 8 9  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 16:43 |
| L11   | 8      | ("20020189635"   "3958292"  <br>"4178188"   "4962776"   "5120369"  <br>"5690749"   "5753563"   "5902678").<br>PN. OR ("6776171").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/07/08 17:39 |
| L12   | 405    | 134/4.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/07/08 17:41 |
| L13   | 192    | 12 and @ad<"20010627"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/07/08 17:44 |
| L14   | 4      | 13 and strip\$5 and sacrific\$4  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/07/08 17:48 |
| L15   | 992903 | h01l021/\$.ipc. or c23c016/\$.ipc. or<br>c23c014/\$.ipc.   | EPO; JPO;<br>DERWENT         | OR               | ON      | 2006/07/08 17:49 |
| L16   | 80     | (substrate or wafer) same (partic\$5<br>same (vibrat\$4 or acoustic\$3 or<br>sonic)) same clean\$4                                     | EPO; JPO;<br>DERWENT         | OR               | ON      | 2006/07/08 17:49 |
| L17   | 52     | 15 and 16  | EPO; JPO;<br>DERWENT         | OR               | ON      | 2006/07/08 17:49 |
| S1    | 2      | ((("5849135") or ("3945613")).PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2006/07/08 16:38 |
| S2    | 3      | "05136045"   | EPO; JPO;<br>DERWENT         | OR               | ON      | 2006/06/30 10:06 |

## EAST Search History

|     |    |   |                              |    |     |                  |
|-----|----|---|------------------------------|----|-----|------------------|
| S3  | 7  | ((("3958292") or ("4178188") or ("4962776") or ("5120369") or ("5690749") or ("5753563") or ("5902678")).PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/06/30 10:26 |
| S4  | 7  | "03261142" "06260464" "07142440" "09260326"   | EPO; JPO;<br>DERWENT         | OR | ON  | 2006/06/30 10:33 |
| S5  | 1  | "20020189635"   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/06/30 10:37 |
| S6  | 1  | "20030000547"   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/06/30 10:41 |
| S7  | 1  | "6776171".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/06/30 10:42 |
| S8  | 1  | "6776171".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/06/30 10:42 |
| S9  | 16 | ("5298720"   "5387777"   "5531862").PN. OR ("5849135").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/06/30 11:20 |
| S10 | 14 | ("4499149"   "4768081"   "4982469"   "5240878"   "5316975"   "5397401"   "5435876"   "5483717"   "5487792"   "5514620"   "5529957").PN. OR ("5753563").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/06/30 11:38 |
| S11 | 12 | ("2495729"   "3063873"   "3079284"   "3404134"   "3634278"   "4053666").PN. OR ("5120369").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/06/30 11:40 |
| S12 | 13 | ("5298720"   "5387777"   "5522933"   "5531862"   "5665609"   "5727332"   "5766369"   "5820329"   "5849135"   "5969934"   "5971586"   "6106634"   "6192601").PN. OR ("6805137").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/06/30 11:44 |
| S13 | 12 | ("5298720"   "5387777"   "5522933"   "5531862"   "5665609"   "5727332"   "5820329"   "5849135"   "5969934"   "5971586"   "6106634"   "6192601").PN. OR ("6779226").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/06/30 11:54 |
| S14 | 16 | (US-5849135-\$ or US-5902678-\$ or US-5753563-\$ or US-5690749-\$ or US-5120369-\$ or US-4962776-\$ or US-6805137-\$ or US-6779226-\$ or US-6766813-\$ or US-6725564-\$ or US-6684523-\$ or US-6676800-\$ or US-5531862-\$ or US-5387777-\$).did. or (JP-06260464-\$).did. or (JP-09260326-\$).did. | USPAT;<br>JPO;<br>DERWENT    | OR | ON  | 2006/06/30 12:02 |
| S15 | 10 | S14 and @ad<"20010627"  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/06/30 12:05 |

## EAST Search History

|     |        |   |                     |    |     |                  |
|-----|--------|---|---------------------|----|-----|------------------|
| S16 | 24700  | (substrate or wafer) and partic\$5 and (vibrat\$4 or acoustic\$3 or sonic) and clean\$4   | US-PGPUB; USPAT     | OR | ON  | 2006/07/07 08:52 |
| S17 | 7095   | (substrate or wafer) and (partic\$5 same (vibrat\$4 or acoustic\$3 or sonic)) and clean\$4  | US-PGPUB; USPAT     | OR | ON  | 2006/06/30 12:10 |
| S18 | 2066   | (substrate or wafer) same (partic\$5 same (vibrat\$4 or acoustic\$3 or sonic)) and clean\$4   | US-PGPUB; USPAT     | OR | ON  | 2006/06/30 12:10 |
| S19 | 684    | (substrate or wafer) same (partic\$5 same (vibrat\$4 or acoustic\$3 or sonic)) same clean\$4  | US-PGPUB; USPAT     | OR | ON  | 2006/07/08 17:49 |
| S20 | 302    | S19 and @ad<"20010627"  | US-PGPUB; USPAT     | OR | ON  | 2006/06/30 12:11 |
| S21 | 80     | (substrate or wafer) same (partic\$5 same (vibrat\$4 or acoustic\$3 or sonic)) same clean\$4  | EPO; JPO; DERWENT   | OR | ON  | 2006/07/06 19:38 |
| S22 | 482093 | (vibrat\$4 or acoustic\$3 or sonic)   | US-PGPUB; USPAT     | OR | ON  | 2006/07/06 19:38 |
| S23 | 17     | (US-6766813-\$ or US-5902678-\$ or US-4962776-\$ or US-6779226-\$ or US-5849135-\$ or US-6676800-\$ or US-6725564-\$ or US-5753563-\$ or US-5120369-\$ or US-5387777-\$ or US-5690749-\$ or US-5531862-\$ or US-6805137-\$ or US-6684523-\$).did. or (JP-2003090988-\$ or JP-06260464-\$).did. or (JP-09260326-\$).did. | USPAT; JPO; DERWENT | OR | ON  | 2006/07/06 19:38 |
| S24 | 11     | S22 and S23   | US-PGPUB; USPAT     | OR | ON  | 2006/07/06 19:39 |
| S25 | 7      | ((("3958292") or ("4178188") or ("4962776") or ("5120369") or ("5690749") or ("5753563") or ("5902678"))).PN.   | US-PGPUB; USPAT     | OR | OFF | 2006/07/07 08:53 |
| S26 | 2      | S25 and (vibrat\$4 or acoustic\$3 or sonic) and clean\$4  | US-PGPUB; USPAT     | OR | ON  | 2006/07/07 08:53 |
| S27 | 2      | S25 and (vibrat\$4 or acoustic\$3 or sonic)   | US-PGPUB; USPAT     | OR | ON  | 2006/07/07 08:59 |
| S28 | 7      | "03261142" "06260464" "07142440" "09260326"   | EPO; JPO; DERWENT   | OR | ON  | 2006/07/07 09:01 |